

KENLON SEES RADIO AS NEARER FOR FIRE

Chief at Feast Predicts Airships Will Fight Flames With Chemicals.

HAS SERVED FOR 35 YEARS

Prominent Citizens Hear of Wonderful Progress of Department.

The science of fighting fire will keep pace with the phenomenal development of science in war and commerce, so that the war against fire in the future will be the war of chemicals, the airship and radio. Fire stations will be on the roofs of buildings; fire engines will be mounted on helicopters which will hover over a blaze and by releasing gases instantly smother the most stubborn conflagration; even the present fire alarm system will become obsolete, and every building of the future may be equipped with a radio alarm system which will automatically sound the alarm without human intervention. These, and more, forecasts were the indulgence of Fire Chief John Kenlon at a testimonial dinner in the Waldorf-Astoria last evening in recognition of his completion of thirty-five years of service in the New York Fire Department. Still suffering from a collision Friday evening, when he and several subordinates had a narrow escape from serious injury, Chief Kenlon responded with modesty and evident gratitude to felicitous addresses by former Governor Alfred E. Smith, who was toastmaster; Archbishop Patrick J. Hayes, William P. Larkin and Fire Commissioner Thomas J. Drennan, and indulged briefly in reminiscence and sweepingly in forecast.

Chief Kenlon's Forecast.

Here is the forecast in which Chief Kenlon indulged:

"I think we have reached in these days almost perfection in fire fighting equipment, with our high pressure system, our chemical engines, rescue squads, wonderful fire boats, motorization and such equipment.

"But, great as have been the improvements in the last thirty-five years, the next thirty-five years will witness still more startling changes. These will come, I feel sure, in the way of chemical development, and the use of the airship and of the radio. As to chemicals, our progress in the world war showed what could be done in this line, and I think the same ideas will be applied in the war against fire. The use of such chemicals as carbon tetrachloride and other substances will be developed. I see no reason why, even at the present day, we should not have buildings equipped with sprinkler systems using chemicals instead of water.

"Then, drawing from the fund of his own experience and venturing a glimpse of the future, he continued:

"Fire houses as we know them will disappear. They will be located upon the roofs of buildings. Fire engines will be mounted upon helicopters, which will hover over a blaze and quickly extinguish it by releasing newly discovered gases, which, though harmless to human beings, will instantly smother the most stubborn conflagration. It is not too much to suppose that the present fire alarm system will become obsolete. May we not imagine that within the next fifty years every building will be equipped with a radio fire alarm system which will automatically act at the start of the fire so that the blaze itself may give its own alarm without human intervention?"

Kenlon's Rise in Service.

Chief Kenlon was appointed to the Fire Department March 3, 1887, and assigned to Engine Company 24, in Morton street. He became engineer five years later, a lieutenant December 21, 1891; captain three years later, battalion chief in 1901, deputy chief May 1, 1902, and chief August 1, 1911. He has had three citations on the roll of merit for work at his personal risk, and in 1910 was ranked class I, winning the Department medal.

REDS QUIT JAIL; REARRESTED.

Ferguson and Ruthenberg in Toms—Giltow Stays in Auburn.

Isaac E. Ferguson, Charles E. Ruthenberg and Benjamin Giltow, serving prison sentences for criminal anarchy, received certificates of reasonable doubt yesterday from Judge Cardozo of the Court of Appeals and were ordered released from jail on bond.

Ferguson and Ruthenberg, who have been in Sing Sing, were rearrested on another indictment as they left the prison and were transferred to the Toms, but may be released to-morrow under new bail.

The second indictment is similar to that on which the men were convicted and charges violation of the anarchy statute in the publication of articles in the Revolutionary Age, official organ of the Communist party.

John C. Myers, Assistant District Attorney, will ask Justice Finch of the Supreme Court to fix \$5,000 bail for Ferguson and Ruthenberg and \$7,500 for Giltow, who is in Auburn.

James Larkin, the Irish agitator, also in prison for anarchy, has been made motion for a certificate of reasonable doubt and will be heard by Judge Cardozo next Saturday.

WIFE SUES WILLIE JACKSON.

Mentions Miss Billie Rice and Wants \$200 a Week.

Oscar Tobler of 1574 Grand Concourse, The Bronx, better known as Willie Jackson, lightweight pugilist, has been sued for separation by Mrs. Pauline Tobler, who alleges that he has treated her cruelly. Her attorney, George Medley, yesterday said that she would appear to-morrow before Justice Mitchell in the Supreme Court, and ask for \$20 a week alimony and \$5,000 counsel fees pending trial of the action.

Mrs. Tobler alleges that her husband earns \$75,000 a year and has about \$225,000 in the bank, with considerable property. The name of Miss Billie Rice, also known as Billie Rice, a burlesque actress, appears in the complaint. Mrs. Tobler alleges she met her husband with Miss Rice on one occasion when he had told her he was going to Philadelphia.

LASSITER LEAVES A. I. CO.

Will Devote Time to Mergers of Independent Steel Companies.

Columbus K. Lassiter of Richmond, Va., has resigned as vice-president of the American Locomotive Company, it became known here last night. The resignation was accepted at a meeting of the board of directors last Thursday.

Mrs. Lassiter, who had been with the company since its formation, will devote her attention to a proposed merger of independent steel companies in which he is interested.

OLD MOTHER EARTH'S AGE SET AT 1,700,000,000 YEARS

Other Scientists of American Philosophical Society Figure She Put on Her First Green Bonnet Only 8,000,000 Springs Agone.

PHILADELPHIA, April 22.—The age of the world was answered tentatively at the closing session of the American Philosophical Society to-day. Some differences existed because of the methods of calculation, but the estimates placed the age at between 8,000,000 and 1,700,000,000 years.

The answer of Prof. T. C. Chamberlain of the University of Chicago was between 700,000,000 and 150,000,000 years. He based his calculation, he said, by working with the methods of a geologist, and presented readings from formations of the sea by geologists.

The answer of Prof. William Duane of the Harvard Medical School, was between 8,000,000 and 1,700,000,000 years. His calculations, he said, were based on radiometric.

In estimating the age of the earth Prof. Duane explained, as a "clock," some process in nature that "moves in one direction only" should be used. Calculations from geological periods of the earth's history, he said, because physical conditions were not the same and the periods of formation of geological structures may have been rapid in some cases and slow in others. Likewise, he said, estimates based on the temperature of the earth or sun were not reliable because the temperatures of a body may rise or fall.

Geological calculations, Prof. Chamberlain said, were made by finding the present rate at which sediments are formed, comparing these with sea formations supposed to have had their origin at the beginning of the earth.

But for radioactivity Prof. Duane made the claim of dependability within reason. Radioactivity, the process by which one element transfers itself into one or more other elements, is not subject to any physical conditions, he declared. Furthermore, it is always in one direction—from elements of lower to elements of higher atomic weight, he said. No one has been able to change the rate of this transformation.

Prof. Duane said that he and his colleagues had always accepted the calculations of other branches of science and admitted that to make calculations from the periods of evolution of animals was impossible.

The "manna from heaven," on which the children of Israel were fed in the desert, according to the Biblical account, consisted of a combination of wheat and oil of tamarisk, because, scientists were told by Prof. Paul Haupt of the Semitic languages at Johns Hopkins University.

"An inaccurate and exaggerated account of the finding of this manna by desert tribes gave rise to the popular impression from the Biblical verse that this manna fell from heaven," Prof. Haupt declared.

The manna, made in that fashion, tasted somewhat like modern honey cakes.

PROMINENT WOMEN HELP ARMY'S DRIVE

Mrs. Frederick Lutz and Mrs. Julia A. Foerster Head Their Division.

Women prominent in New York society, theatrical and professional circles, are taking an active part in the organization of the city for the home service appeal which the Salvation Army will make May 1 to 10 for \$500,000 to finance its local service for the year.

More than 200 volunteers have offered their services for work in restaurants, hotels, banks and department stores of the city during the campaign. They have been organized in a women's division under Mrs. Frederick Lutz and Mrs. Julia A. Foerster, and will work in groups each under a team captain.

Broadway theatrical folk also are co-operating generously in the home service appeal. Among those who are giving of their time are Miss Amelia Bingham, Miss Doris Keene, Miss Laurette Taylor and Miss Alice Fisher. A special theatrical division has as its chairman Miss Florence Parker.

In the municipal group, of which Dr. Royal S. Copeland is chairman, women are among the vice-chairmen, heads of forty-five different city departments, who are working to get the help of every member of their department in the municipal group include Miss M. M. Walker of the army board, Miss Edna McKee of the board of child welfare, Miss Adelaide McNamara of the Health Department, Miss Mary M. Wadley of the department of social services, J. A. Hahn and Mrs. Law of the Department of Public Welfare.

"I consider the Salvation Army an eminently worthy organization, which merits the heartiest support from the women of the city for the work it is doing among the city's mothers and children, if for no other reason," said Miss Sarah Stevenson, one of the foremost women lawyers of New York, who is a member of the Citizens' Committee of more than 150 prominent New York people. "I feel that I must express the admiration of the women of New York when I say that I am glad to do everything in my power to make possible the success of the Salvation Army's appeal for funds to continue its manifold activities."

TRAIN DE LUXE TO SEATTLE.

Great Northern Uses New Equipment for the Oriental.

ST. PAUL, April 22.—The Oriental Limited, the transcontinental train of the Great Northern Railway, will start its cross-country trip from Chicago to Seattle on May 15, with new steel equipment from engine to observation car. More than 200 steel cars will be put into service on the new trains to replace the equipment which was specially built and placed in service for the Seattle-Alaska-Yukon exposition in 1909, and which at that time was regarded as the finest possible achievement in luxurious equipment.

The Pullman Company on May 15 will take over the sleeping car service on the trains of the Great Northern, which heretofore has operated its own sleepers. The dining cars of the new trains, fabricated in Great Northern shops in St. Paul, have their interiors finished in old ivory. The first complete new train will leave Chicago on May 15 and arrive in Seattle on May 25.

DEDICATED TO BURROUGHS.

85 Elms Are Named for Notable Friends of Naturalist.

POUGHKEEPSIE, April 22.—Dedication of eighty-five elm trees to the memory of John Burroughs, noted naturalist, took place at Big Indian, in the Catskills this afternoon. Each tree represents a year in the life of Mr. Burroughs. They were named for President Harding, ex-Presidents Wilson, Taft and Roosevelt, Henry Ford, Harry S. Firestone, Thomas A. Edison, Luther Burbank and others.

The ceremonies were under the direction of the dedicated service at the Raymond Rindor School, Highland.

Two stone benches at the Burroughs Memorial Tablet were unveiled and were accepted for the State of New York by Secretary Prescott of the Conservation Commission.

WASHINGTON SERVICE SUNDAY.

The 133rd anniversary of Washington's inauguration as first President will be commemorated by a special service under the auspices of the Sons of the American Revolution in old St. Paul's chapel, Broadway and Fulton street, at 4 o'clock next Sunday afternoon. The Rev. Dr. Joseph P. McComas, vicar of St. Paul's, will officiate; Bishop James H. Darlington of Harrisburg, Pa., will deliver the historical sermon; Dr. Edward Hagaman Hall will read the lessons and Brig.-Gen. Oliver B. Bridgman, president of the New York Chapter, S. A. R., will place a wreath in Washington's pew. Other patriotic societies, including the Sukrave Institution, will be represented.

ODD HOSPITAL GYM USES PSYCHOLOGY

Exercising Appliances to Restore and Develop Muscles Based on New Idea.

Psychology has been drawn upon heavily in equipping the strangest gymnasium in the world, located in New York city. Where other gymnasiums are maintained to develop normal muscles, this peculiar gymnasium's function is to restore to normal use muscles, arms and legs which have forgotten how to move. This unusual place, with its unique exercising apparatus, is the mechanotherapy department of the Reconstruction Hospital, Central Park West and 100th street.

A psychologist designed the exercising machines. Ordinarily a physical trainer would outfit a gymnasium with apparatus for exercising bodies. That would be where the bodies are at least normally sound. But the gym pupils who take exercise at the Reconstruction Hospital haven't normal use of their muscles. These men and women have suffered hands, arms and legs or backs—results of industrial injuries or war disabilities. Although not bedridden, they are not capable of resuming their usual physical work.

Many were convinced they never again would have the use of the disabled muscles and were reluctant to make an effort to resume their use. That is why a psychologist, Prof. E. A. Bott of the University of Toronto, was enlisted to design the extraordinary exercises. His designs were supplemented by others devised by Dr. R. Tait Mackenzie of the University of Pennsylvania. Briefly, the secret of the success accomplished with these machines lies in the fact that each has a dial or measuring device which records before the patient's eyes the progress he makes.

Every day the mechanotherapy room is crowded with men who are reeducating the muscles of their hands, legs or backs so that they may reengage in productive work. Every exercise is prescribed by physicians. A group of men with stiff arms and crippled hands are set to throwing a ball. Put them at plain hand limbering exercises without any preliminary, and they might weary of it promptly. But with exercise disguised as play they forget that their hands cannot close and presently they are gripping the ball in catch or throw.

At a specially designed bench a man with a mangled, stiffened hand exercises his finger on a treadmill. This is a metal spool with flat surfaces sufficient for a fingerhold. The spool revolves on a spindle and as the stiffened fingers one by one revolve it a degree the spool winds up a cord to which changes a weight. The finger tips must not relax their hold on the treadle or the weight will roll the spool back.

Probably the strangest, simplest device of the Reconstruction Hospital's mechanotherapy is the track for correcting flat and weak feet. The footboards are tied slightly from the middle, forcing the patient to walk as he would along the two sides of a roof peak.

Special Offering—Amount Limited

Treasury Stock—No Par Value

Of

THE Q-R-S co.

World's Largest Manufacturers of Player-Piano Rolls

An Illinois Corporation

WHICH NOW ENTERS RADIO FIELD

through contract with Chicago Radio Laboratory, owner of one of the non-cancellable licenses under Armstrong patents to manufacture Radio equipment.

The Capital Stock, fully paid, non-assessable, exempt from Illinois Personal Property Taxes.

Executive Offices, 11th Floor Kimball Building, Chicago, Illinois. Factories, New York, Chicago, San Francisco. Branches and factory agencies, Pittsburgh, Columbus, Denver, Buffalo, London, England, Melbourne and Sydney, Australia, Wellington, N. Z., and Toronto, Canada. Eight thousand retail distributors located in all parts of the United States.

CAPITALIZATION

\$250,000 Seven Per Cent. Preferred Stock, to be called in 1925.

37,500 shares Common Stock, no par value.

MANAGEMENT AND DIRECTORATE

The Board of Directors comprise the following:

T. M. Pletcher, President Q-R-S Co., Chicago, Ill.

Lee S. Roberts, Vice-President Q-R-S Co., New York, N. Y.

A. N. Page, Secretary Q-R-S Co., Chicago, Ill.

8000 Music Dealers to Handle Radio Equipment Made by Q-R-S Co.

From this time on, in addition to the manufacture of the Q-R-S player rolls, the company expects to be actively identified in the field of manufacturing Radio equipment under the Armstrong patent. It is planned to make every musicdealer in the United States, of which there are about eight thousand, and 90% of whom now handle Q-R-S rolls, an active agency for the distribution of Radio equipment; the contract to manufacture such Radio equipment being with the Chicago Radio Corporation, one of the holders of the four non-cancellable licenses under the Armstrong patent.

Radio Marvel of All Ages—Tremendous Commercial Possibilities

There has sprung up overnight an industry which will shortly run into hundreds of millions of dollars annually—the manufacture of Radio receiving sets. Twenty great stations are now broadcasting music, speeches, market reports, etc., etc. This brings the masters of voice and instrument, the latest up-to-the-minute news, instantly to the ears of every citizen, whether located on the farm or ranch, in the heart of crowded cities or on the high seas. The demand for Radio receiving sets will therefore far exceed the supply in all probability for years to come, there being it is said over Fifty Million Dollars of unfilled orders on the books of the various manufacturers now making Radio equipment. The aeroplane, the talking machine, automobile, wireless telegraphy—all marvelous inventions and the basis of many of the country's leading fortunes, never created such universal interest as now expressed in Radio. No recent invention threatens to have such a vast and far-reaching effect on modern life.

Radio Manufacture To Be Industry of First Rank

It is believed that in time every home, school, office, railroad train and hotel, (including rooms) will be equipped with Radio receiving apparatus. This automatically creates an industry of first rank in commercial importance with attendant profit possibilities well-nigh incalculable. The Q-R-S Company's contract with the Chicago Radio Corporation as one of the holders of the non-cancellable license under the Armstrong patent will enable it to manufacture most desirable equipment, and the company's connection with some 8,000 retail music dealers all over the United States will place it in a superior position as regards marketing. Operations in this branch of the business it is expected will be under way within a few weeks. The company has three large factories with a combined floor space of over 300,000 square feet, located in New York, Chicago and San Francisco, and a highly trained technical organization which provides adequate facilities for this new branch of its business. A fourth manufacturing unit is just being established in Toronto for the purpose of supplying the Canadian field and other British possessions.

Reason For This Q-R-S Financing—Radio

Q-R-S Company has heretofore been a close corporation. With the exception of the limited amount of treasury shares now offered, practically all of the authorized issue is held by a small group of individuals actively identified with the business or composing its directorate. The company's capitalization consists of \$250,000 Seven Per Cent. Preferred stock, all outstanding, on which dividends have always been regularly paid, and 37,500 shares of Common stock of non par value, including the present offering. The current dividend rate on this Common stock is \$4.00 per share per annum payable quarterly. In view of the present satisfactory earnings from the roll business the increasing demand for player piano rolls and the company's proposed identification with the manufacture of Radio equipment, the earning possibilities of the Q-R-S Company seem well-nigh limitless, giving the Common stock of this company a tremendous potential value and making purchase of shares at the present offering price a safe investment carrying speculative possibilities of extraordinary attraction.

PRICE

Subject to prior sale we offer 3000 shares of Common stock of Q-R-S Music Company, no par value, at \$85.00 per share flat. A large amount of this stock having already been subscribed for and an early over-subscription for the remaining balance being anticipated, we advise clients to wire their reservations immediately. Checks should be made payable to F. A. Brewer & Co. The right to refuse any and all subscriptions, or to allot a smaller number than subscribed for is reserved. The telegraph may be used at our expense.

F. A. BREWER & CO.

Investment Securities

208 SOUTH LA SALLE STREET, CHICAGO

Statements contained herein are not guaranteed but are based on information and advice which we believe to be accurate and reliable. The books of the company are regularly audited by Messrs. Bryn & Emswiler Certified Public Accountants and local partners in connection with our purchase of this issue, have been passed by Chas. L. Mahony, Esq., and Maurice J. Moriarty, Esq., Chicago, Illinois.

TO ASK \$500,000 FOR DIER CREDITORS

Continued from First Page.

It was determined that an exhaustive search into all phases of the transfer must be made. He quoted at length from the testimony of Mr. Stoneham, which was taken by attorneys for the receiver, at a secret hearing held in the New York Bar Association on February 22, and was withheld from publication for more than a month.

The creditors of his committee, he said, would demand that an investigation be made "into the real cause which brought about the expulsion of Col. Hughes from the Philadelphia Stock Exchange, the deal whereby Doc. Dier got the Stoneham accounts and the pecuniary interests, if any, of Stoneham, Dier and their associates in the so-called purchase on the part of Charles A. Stoneham from E. D. Dier & Co. of some \$2,100,000 worth of customers' securities."

The consolidation of the Western creditors, those of the Blumenthal group and those cared for by O. P. Carpenter of 154 Nassau street has been virtually completed, it was stated yesterday. Mr. Carpenter's group was the original group of some 300 creditors who held several meetings in Bryant Hall in the interest of organizing the creditors into one central committee.

Mr. Blumenthal said that full cooperation will be offered to the receiver and his attorneys in their efforts to trace the missing assets by the combined committees. The next examination in the Dier case will be held at 2 Rector street on May 2.

EX-SHIP BOARD MEN SUED FOR \$300,000

Yaselli, of Italian Star Line, Accuses Them of Conspiracy to Disgrace Him.

E. Paul Yaselli, formerly Assistant United States Attorney, and president of the Italian Star Line, Inc., filed papers yesterday, through N. Howard Pinto, lawyer, of 2 Rector street, in a \$300,000 damage suit against Guy D. Goff, W. Davis Conrad, Frank Burke and George Braden.

Yaselli alleges that the defendants conspired to disgrace him. He says that Goff and Conrad, by presenting a fraudulent bill of complaint in United States District Court, caused the appointment of a receiver for the shipping line of which the plaintiff was president. Yaselli, the papers state, was accused of having conspired with James D. Butler, Max Uhlin, Fred Bobbitt and the Italian Star Line and others in the purchase of the steamship Liberty Land from the United States Shipping Board. Subsequently, the papers show, Yaselli appeared in the United States District Court, was tried and acquitted at the direction of the court.

At the time specified Goss was commissioner of the United States Shipping Board and previously had been chief counsel; Conrad was admiralty counsel for the board and in charge of the New York district; Burke was chief of the division of inspection, and Braden was an investigator attached to the New York district.

FERRYBOAT BIDS ANNOUNCED.

The low bid for the construction of the turbo-electric ferryboats planned by Grover A. Whalen, Commissioner of Plant and Structures, was submitted by the Staten Island Shipbuilding Company, with a price of \$1,103,900 for two boats and \$1,633,900 for three. The Teco plant of the Todd Shipyard Corporation was the only other bidder for the contract, which has not yet been awarded.

The boats are to carry freight and passengers between Manhattan and St. George, Staten Island. They are to be 215 feet long, 64 broad and 18 molded depth, with four driveways on the main deck without cabins.

Before They Breed

If bugs existed in your house last summer you may be sure that there are countless eggs secreted in the walls now. With the next spell of warm weather these eggs will hatch. The house will soon be overrun with pests. Don't wait until vermin mature. Let us fumigate now. Our process kills the life of the eggs as well as the living bug. Rates are low. Phone or write our information Service. Enjoy a summer of comfort. We solicit out of town orders.

GUARANTEE EXTERMINATING COMPANY

500 FIFTH AVENUE
at 42nd Street New York
Telephone Longacre
6390 6391 6392 6393

VERMIN EXTERMINATION

Starting with a paid-up capital of \$35,000 in 1900, this Company, the world's largest manufacturer of player rolls, has paid over \$350,000 in dividends, or over 2,600%. Net tangible assets today over \$1,000,000, or over 2,800% on original investment.